

March 9, 1994

Mr. Robert E. Denton
Vice President - Nuclear Energy
Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657-4702

Dear Mr. Denton:

SUBJECT: PRELIMINARY EVALUATION OF CALVERT CLIFFS NUCLEAR POWER PLANT,
UNIT NO. 1, LICENSEE EVENT REPORT 317/92-08, "GROUND FAULT IN
ISOLATED PHASE BUS DUCT SYSTEM," INPUT TO ACCIDENT SEQUENCE
PRECURSOR REPORT FOR 1992

By letter dated June 11, 1993, we indicated that the NRC Office for Analysis and Evaluation of Operational Data (AEOD) had drafted the 1992 Accident Sequence Precursor (ASP) report, "Precursors to Potential Severe Core Damage Accidents: 1992, A Status Report," NUREG/CR-4674, Volumes 17 and 18. The subject Licensee Event Report (LER) for Calvert Cliffs Nuclear Power Plant, Unit 1, was one of the 1992 precursor events which was included in the AEOD draft ASP report. We requested that you provide written comments on the preliminary evaluation of the subject LER which was provided with the letter.

By letter dated June 25, 1993, you responded to our request. Based on your comments and further evaluation of the subject LER, it was determined that this event could be rejected on low probability. The AFW pumps had been incorrectly modeled as two motor-driven and one turbine-driven when they should have been modeled as one motor-driven and two turbine-driven.

Reanalysis of this event with the correct modeling assumptions resulted in the conditional core damage probability being below the ASP cutoff level. As such, the event has been deleted from the NUREG. We appreciate your assistance in this effort.

Sincerely,

Original signed by:

Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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S PDR

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 9, 1994

Docket No. 50-317

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Vice President - Nuclear Energy
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Sincerely,

A handwritten signature in cursive script, appearing to read "Daniel G. McDonald".

Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. Robert E. Denton
Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Power Plant
Unit No. 1

cc:

Mr. Michael Moore, President
Calvert County Board of
Commissioners
175 Main Street
Prince Frederick, Maryland 20678

Mr. Joseph H. Walter, Chief Engineer
Public Service Commission of
Maryland
Engineering Division
6 St. Paul Centre
Baltimore, Maryland 21202-6806

D. A. Brune, Esquire
General Counsel
Baltimore Gas and Electric Company
P.O. Box 1475
Baltimore, Maryland 21203

Kristen A. Burger, Esquire
Maryland People's Counsel
American Building, 9th Floor
231 E. Baltimore Street
Baltimore, Maryland 21202

Jay E. Silberg, Esquire
Shaw, Pittman, Potts and Trowbridge
2300 N Street, NW
Washington, DC 20037

Patricia T. Birnie, Esquire
Co-Director
Maryland Safe Energy Coalition
P.O. Box 33111
Baltimore, Maryland 21218

Mr. G. L. Detter, Director, NRM
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657-47027

Resident Inspector
c/o U.S. Nuclear Regulatory
Commission
P.O. Box 287
St. Leonard, Maryland 20685

Mr. Richard I. McLean
Administrator - Radioecology
Department of Natural Resources
580 Taylor Avenue
Tawes State Office Building
B3
Annapolis, Maryland 21401

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406